



Natural Resources Conservation Service
New Hampshire



Conservation Practices for the White Mountain Region

**Don Keirstead
Resource Conservationist
Durham NH**



United States Department of Agriculture

Natural Resources Conservation Service

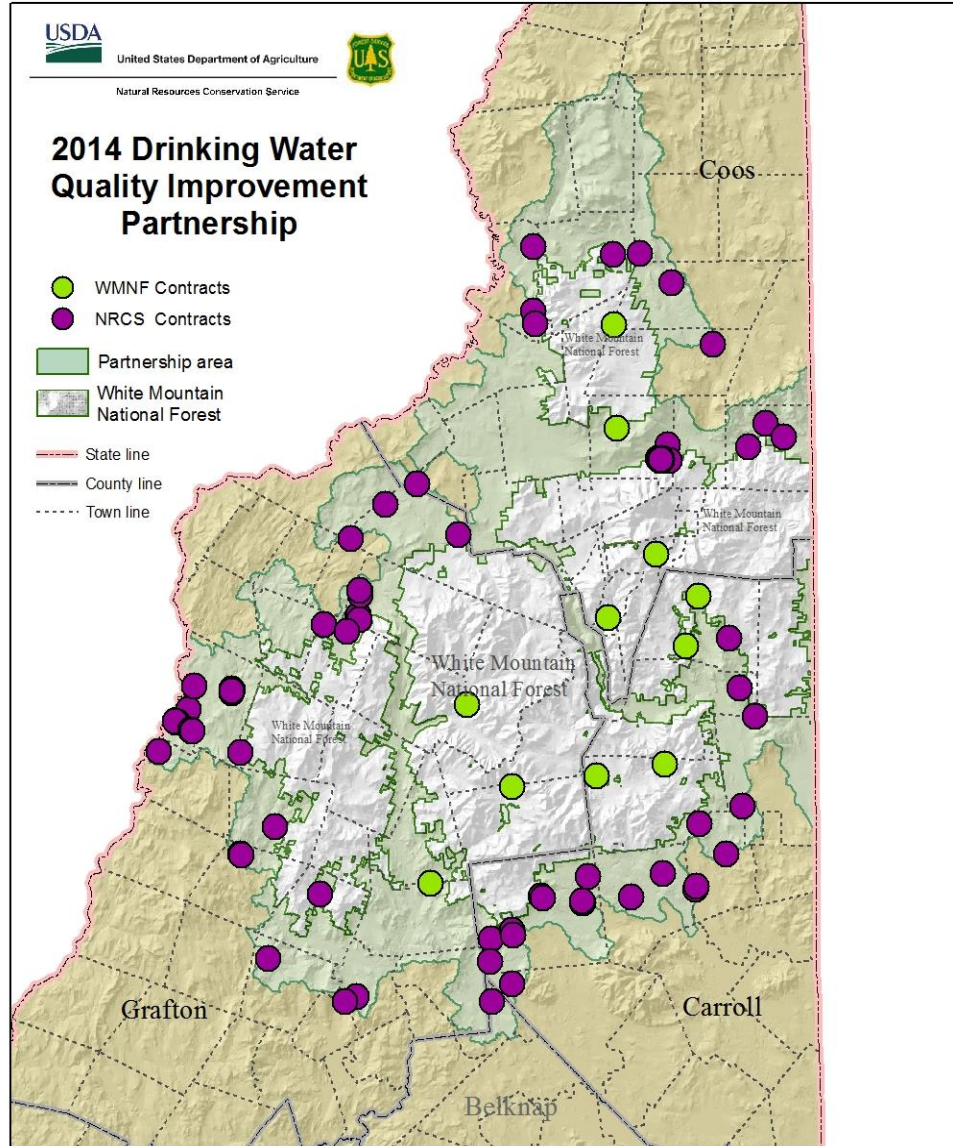


2014 Drinking Water Quality Improvement Partnership

- WMNF Contracts
- NRCS Contracts

- Partnership area
- White Mountain National Forest

- State line
- County line
- Town line



County	NRCS Dollars Obligated	NRCS Contracts	NRCS Acres	Forest Service Dollars	Forest Service Contracts
Coos	\$63,665	15	1280	\$71000	4
Carroll	\$302,049	23	2800	\$75000	4
Grafton	\$375,188	27	2201	\$104000	3
Totals:	\$740,902	65	6282	\$250000	11

Richard P. Ellsmore, State Conservationist

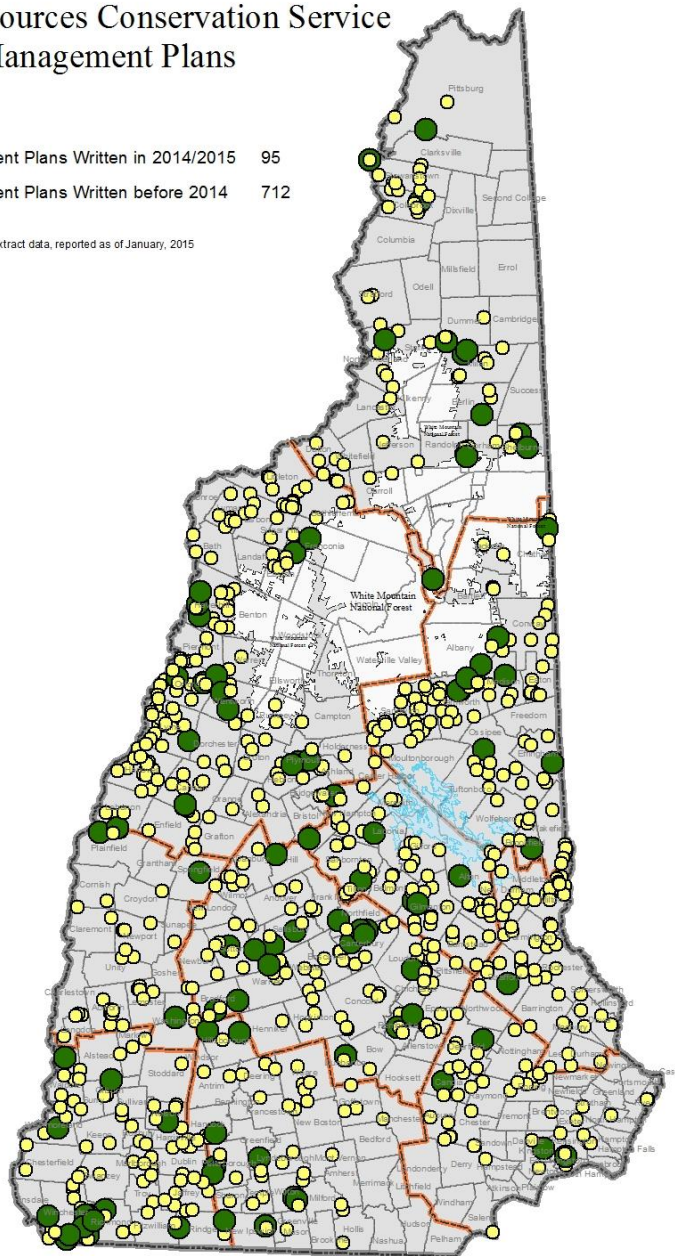
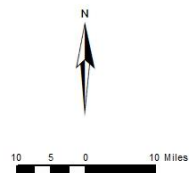
Tom Wagner, Forest Supervisor, White Mountain National Forest

USDA, Natural Resources Conservation Service Forest Management Plans

- Forest Management Plans Written in 2014/2015 95
- Forest Management Plans Written before 2014 712

SOURCE: USDA NRCS IDEAExtract data, reported as of January, 2015

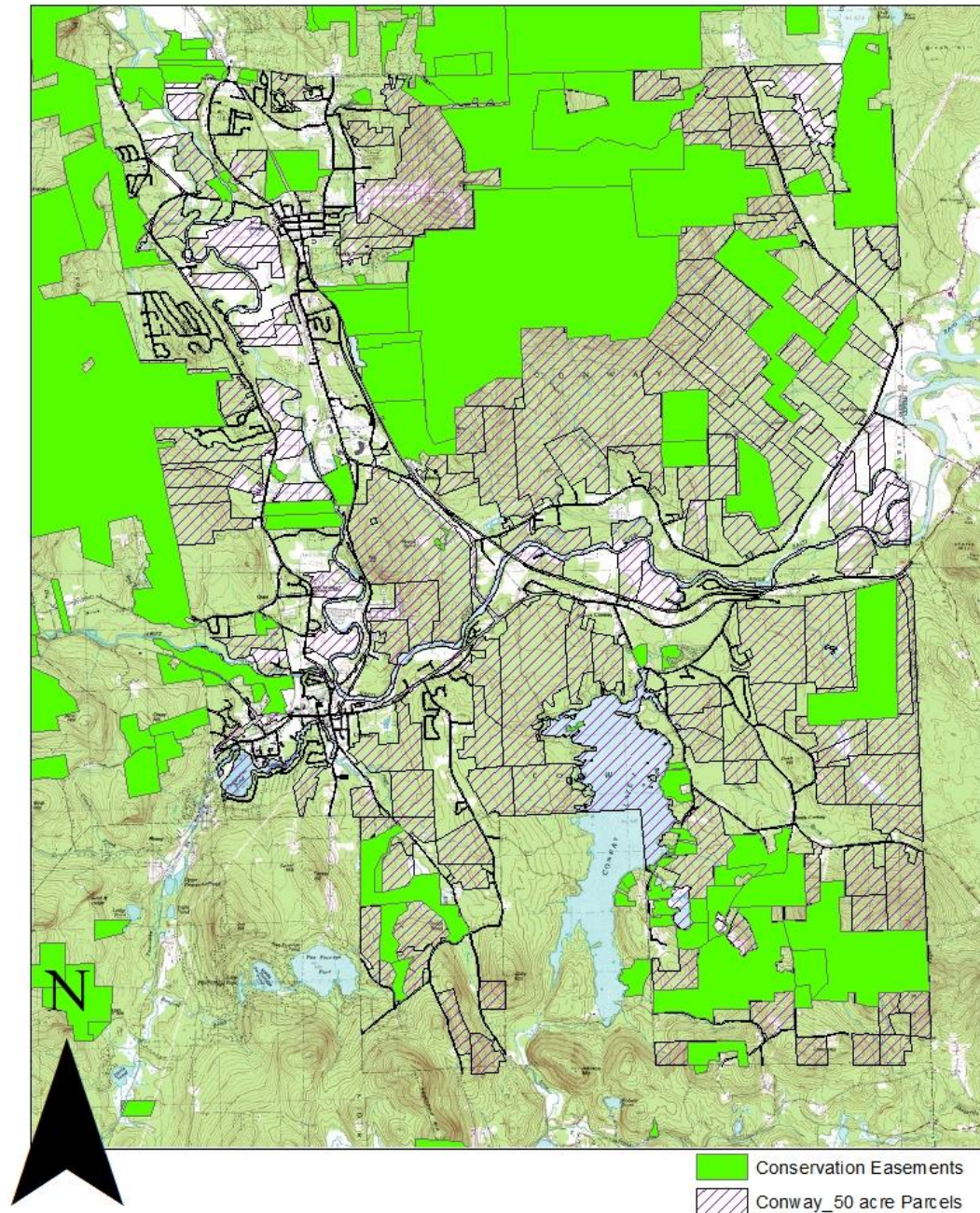
- County line
- Town line



Forest Management Plans



Conway Parcels Greater than 50 acres















Stream simulation culvert. Span sized to bankfull width, streambed in pipe constructed to match reference reach upstream. FULLY PASSABLE



Wood Additions to Small Streams













351

ADM WELDING
MADISON, PA 17047

Culvert

Removal











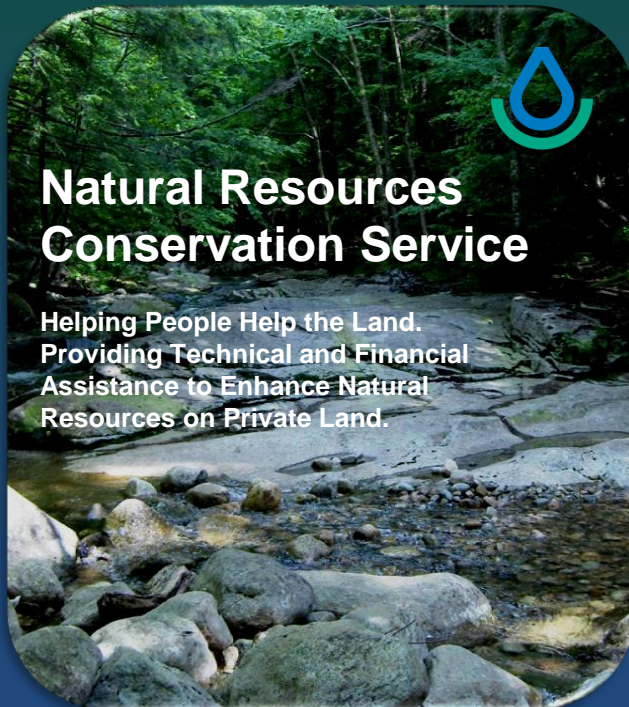








Two Chief's NH Drinking Water Initiative





Presentation Overview

- project description
- US Forest Service accomplishments
- NRCS accomplishments
- Questions?



Water/watershed issues will
be critically important in
next decade and beyond



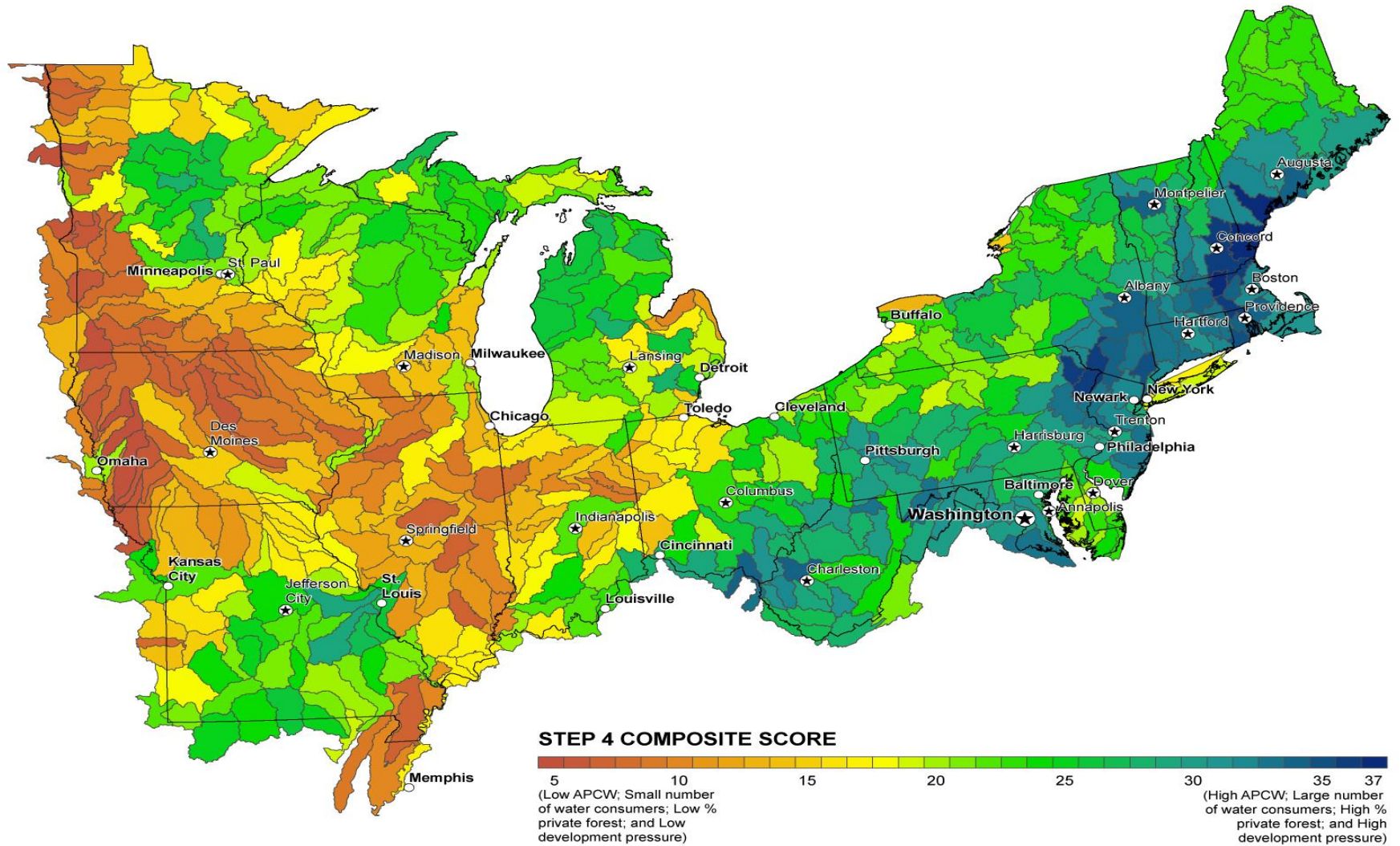


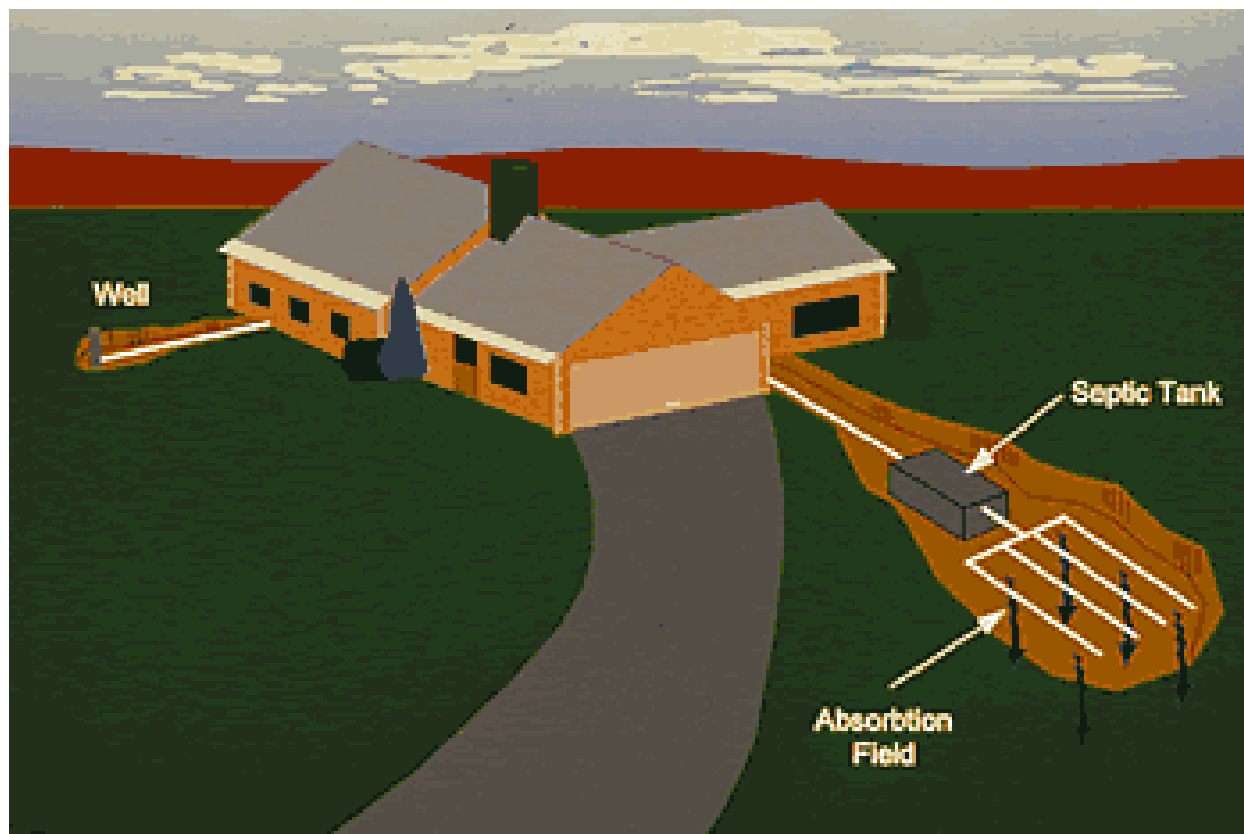
Forests, Water and People

Identified
private forests
that are most
important for
drinking water
supply and
most in need of
protection from
development
pressure



www.waters.com





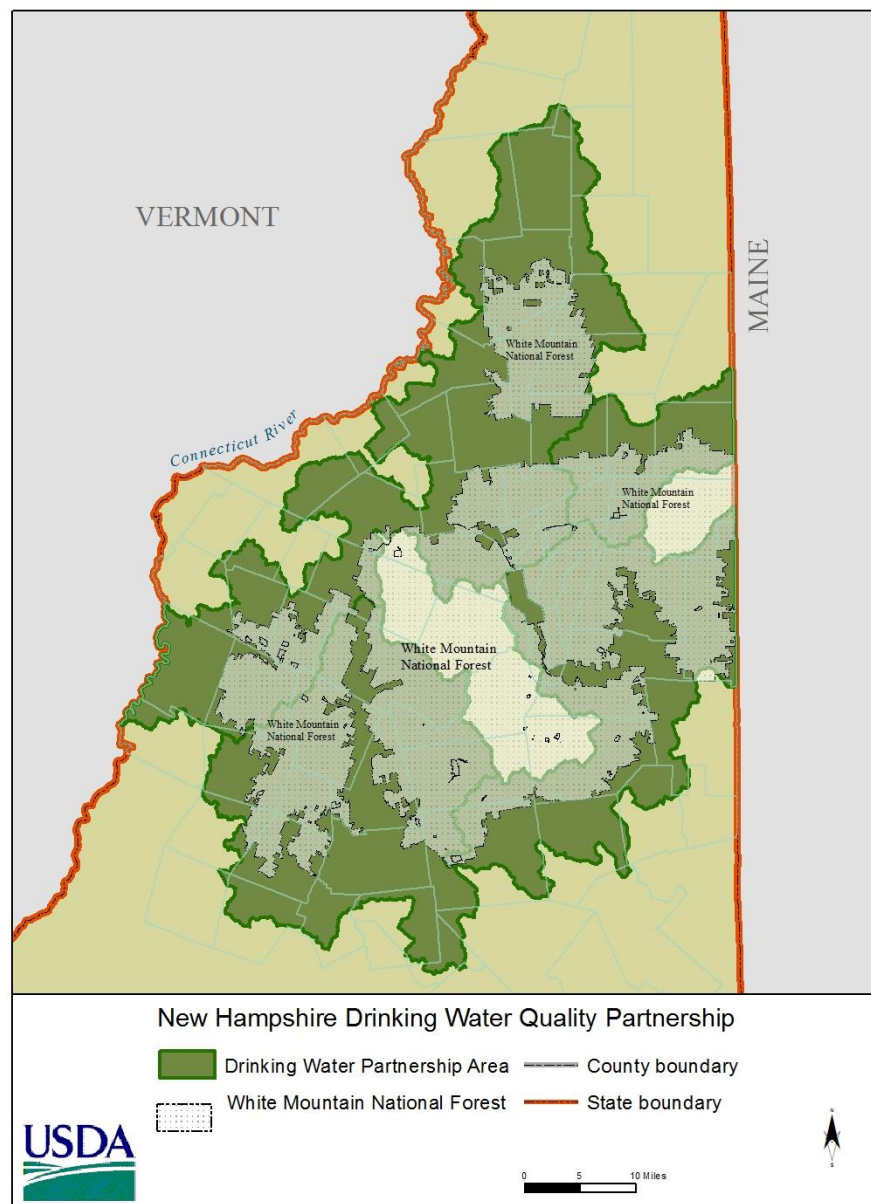
Courtesy of American Ground Water Trust and New Hampshire Department of Environmental Services-copyrighted material



Project Goal









US Forest Service accomplishments

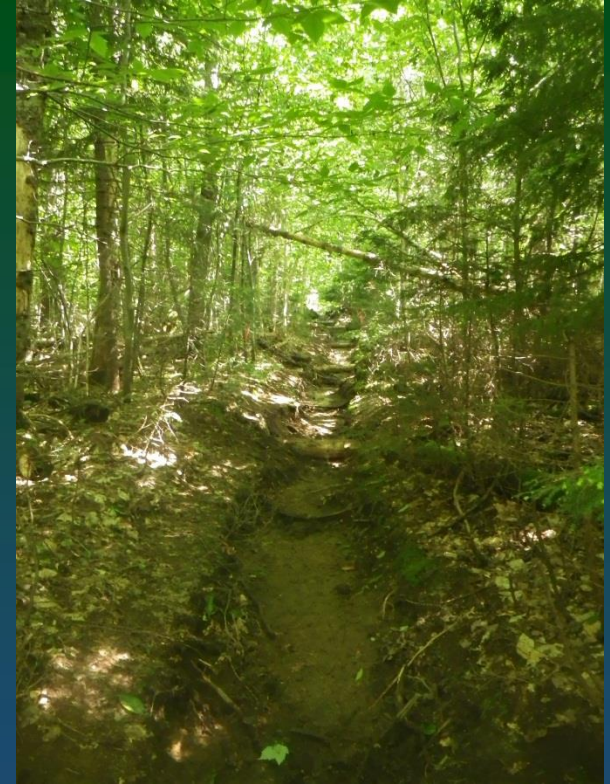
White Mountain National Forest

- Increase watershed resiliency to climate change and the effects of extreme events by:
 - Trail and road maintenance – reduce sedimentation
 - Aquatic Organism Passage (AOP) – improve aquatic habitat and reduce the effects of extreme events
 - Mitigate the effects of recreational use – improve water quality
 - Treat non-native invasive species (NNIS) – improve riparian and upland habitats
- Collaborate with NRCS and other partners to solve complex land use challenges at the public/private interface



Repair damage to infrastructure from extreme events (Greely Ponds Project)





**Reduce sediment loading in streams by repairing and maintaining trails and roads
(Dry River trail reconstruction)**



Aquatic organism passage
and road crossing
resiliency (East Side Road
Crossing #1)

Mitigate impacts
from recreation
use in streams
and riparian
buffers
(Lower Falls Day
Use Area
Reconstruction)





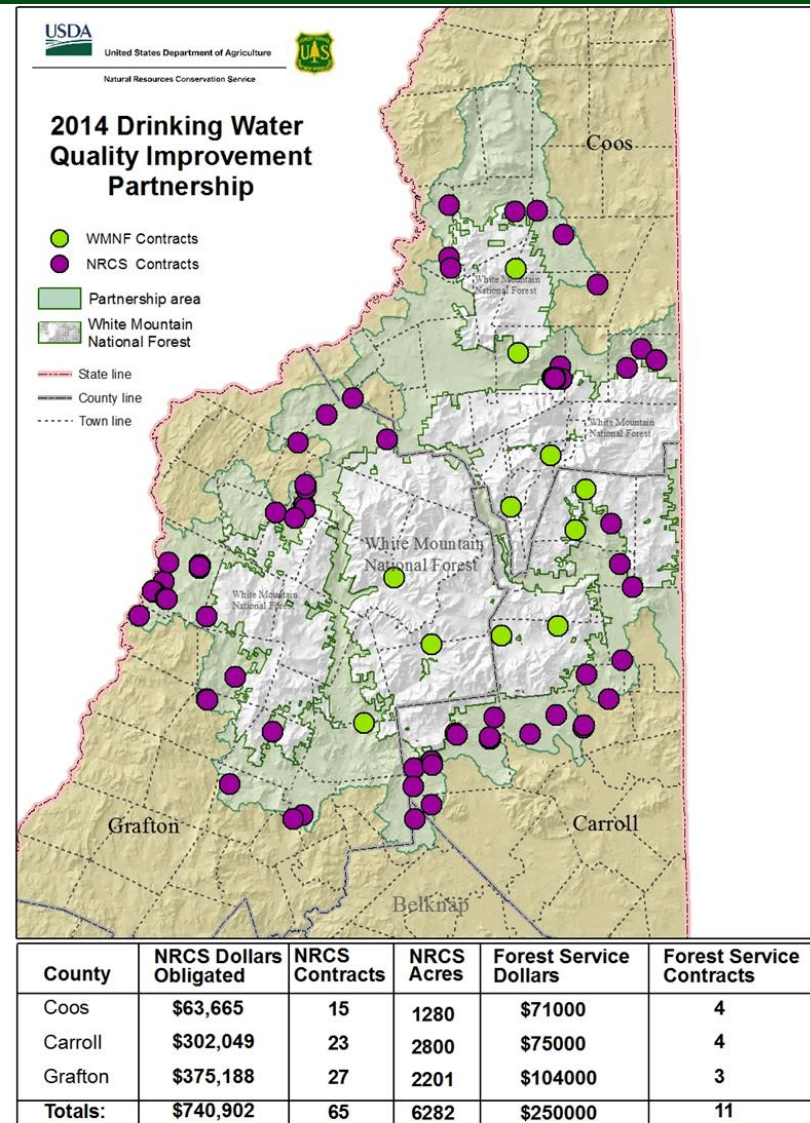
Treat NNIS
to improve
riparian and
upland
habitats
(Campton
Pond)

Bring multiple
partners
together to
resolve complex
resource issues
at the
public/private
interface
(Meserve
Brook/Town of
Jackson water
supply)



White Mountain National Forest

- invested \$250,000 in 2014
- emphasis was on “shovel ready” projects with 8 of 11 completed



Richard P. Ellsmore, State Conservationist

Tom Wagner, Forest Supervisor, White Mountain National Forest

2014 Project Goal and Accomplishment	Progress to Date
Reduce impact of recreation infrastructure to surface waters	<ul style="list-style-type: none">• 13 miles of trail improved on 6 different hiking trails• 1 trailhead parking area reconstructed• 1 Riparian Day Use Area reconstructed• 1 Boat hand launch designed and partnership agreement signed and funded for implementation in 2015• 1 youth crew funded for additional work in 2015 through Student Conservation Association
Reduce NNIS in riparian zones	40 acres treated on 3 sites
Improve AOP	One crossing contracted for implementation in 2016

White Mountain National Forest

Our Plans for 2015

- 3 AOP project (priority watershed)
 - Meserve Brook water supply
 - Trail issues above public drinking water supplies
 - Trail Bridges (priority watershed)
 - Intensive road maintenance
 - Riparian NNIS
-
- 2016 Additional AOP and recreation projects

Northeastern Area State and Private Forestry



Employ a forest technician
to assist with timber Sales
on State and Federal land

Northeastern Area State and Private Forestry

Conduct Best Management
Practices (BMP) water
quality monitoring



Northeastern Area State and Private Forestry



Publish the revised *Best Management Practices for Erosion Control on Timber Harvesting Operations in New Hampshire*

Northeastern Area State and Private Forestry

Outreach to riparian forest landowners and others, to encourage the preparation of forest stewardship plans and installation of water quality improvement practices





For More Information:

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